

ORDERING NUMBERS

4

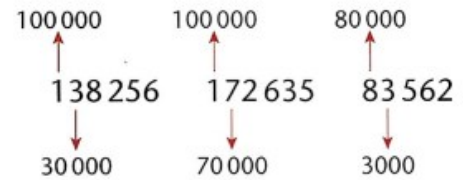
TARGET To compare and order numbers.

Example

Arrange 138 256, 172 635 and 83 562 in ascending order.

Look at the highest value digits first. If they are the same look at the next highest value.

The correct order is 83 562, 138 256, 172 635.



A

Put these numbers in order, starting with the smallest.

- 1 2167 1726 1672 2176
- 2 3459 3945 3549 3594
- 3 1875 1758 1857 1785
- 4 6932 6392 6239 6923
- 5 4867 4687 4678 4786

Copy and complete.

- 6 $263 + \square = 563$
- 7 $6150 - \square = 2150$
- 8 $1379 + \square = 1879$
- 9 $4428 - \square = 2428$
- 10 $2911 + \square = 2951$
- 11 $6307 + \square = 9307$
- 12 $9445 - \square = 9045$
- 13 $2814 + \square = 2874$
- 14 $5036 - \square = 36$
- 15 $3072 + \square = 3672$

B

Put these numbers in ascending order.

- 1 5492 4529 5249 4925
- 2 16 738 16 873 16 837 17 386
- 3 41 982 114 892 42 189 121 498
- 4 35 358 35 835 35 385 35 583
- 5 121 210 122 011 121 102 120 212

Copy and complete.

- 6 $240 763 - \square = 240 263$
- 7 $56 180 + \square = 59 180$
- 8 $825 911 - \square = 225 911$
- 9 $430 061 - \square = 429 661$
- 10 $750 198 + \square = 950 198$

C

Work out the number that is halfway between each pair of numbers.

- 1 5600 $\longleftrightarrow$ 6200
- 2 710 000 $\longleftrightarrow$ 800 000
- 3 13 650 $\longleftrightarrow$ 13 750
- 4 212 900 $\longleftrightarrow$ 213 500
- 5 5 960 000 $\longleftrightarrow$ 6 040 000
- 6 126 000 $\longleftrightarrow$ 135 000

7 Use these digits once each.

4 1 7 9 2 5 8 4

Make two different 4-digit numbers which give:

- a) the largest possible total
- b) the smallest possible total
- c) the largest possible difference
- d) the smallest possible difference